

Amendments to the Claims. (material to be inserted is in **bold and underline**, material to be deleted is in [~~brackets and strikeout~~]). Any cancellations are made without prejudice.

1. **(Original)** A method of generating an interactive profile of a building, comprising the steps of:

a) receiving a plan set into an interactive profile system, the interactive profile system embodied within a computer program, the plan set comprising an elemental physical description of a building, and the plan set including a plurality of potentially interrelated building components;

b) converting the plan set to a standardized data set, the standardized data set compliant with an enhanced data protocol;

B1 c) parsing the standardized data set into an extracted data set, to develop and link the plurality of potentially interrelated building components;

d) compiling an enhanced profile database from the extracted data set, the enhanced profile database including a plurality of interrelated components;

e) assigning a unique descriptor tag to each one of the plurality of interrelated components;

f) receiving a profile query into an application engine, the application engine included within the interactive profile system, the profile query received from a user, and the profile query relatable to the enhanced profile database;

g) formulating a profile response to the profile query with the application engine, the profile response including a listing of at least one of the plurality of interrelated

elements of the enhanced profile; and

h) sending the profile response to the profile query to the user.

2. **(Original)** The method of generating an interactive profile of a building of claim 1, wherein the step of parsing the plan set additionally includes the step of:

a) parsing the plan set into a plurality of cells and a plurality of structural elements, the plurality of cells and the plurality of structural elements together comprising a functionally complete rendering of the building.

3. **(Original)** The method of generating an interactive profile of a building of claim 1, wherein the step of converting the plan set to a standardized data set additionally includes the step of:

a) converting the plan set to a standardized CAD compliant format.

4. **(Currently Amended)** An interactive profiling system for generating an interactive profile of a building by a remotely located user and web browser, the system comprising:

a) an application engine associated with a server, the application engine capable of communicating with a remotely located user through a web browser, the application engine additionally capable of receiving a profile query from the user;

b) a profiling engine for receiving a plan set from a user and storing the plan set on a database, and the database associated with the application engine; and

c) the enhanced profile database searchable for an interrelated element having a criteria set that corresponds to the query from the user; and an electronic interface having the ability to transmit a communication between the user and the application engine, the communication including a response to the query by the user;

wherein the profile query is relatable to the enhanced profile database; and
wherein the application engine is configured to formulate a profile response to
the profile query, the profile response including a listing of at least one of the
plurality of interrelated elements of the enhanced profile, and is further configured
to send the profile response to the user via the web browser.

31
5. (Original) The interactive profiling system of claim 4, additionally including:

a) a conversion function for converting the plan set to a standardized data set, the standardized data set compliant with an enhanced data protocol.

6. (Original) A method of generating an interactive profile of a building, comprising the steps of:

a) receiving a plan set into an interactive profile system, the interactive profile system embodied within a computer program, the plan set comprising an elemental physical description of a building, and the plan set including a plurality of potentially interrelated building components;

b) converting the plan set to a standardized data set, the standardized data set

compliant with an internally standardized enhanced data protocol;

c) parsing the standardized data set into an extracted data set, the extracted data set including the plurality of potentially interrelated building components;

d) compiling an enhanced profile database from the extracted data set, the enhanced profile database including a plurality of interrelated components, the plurality of interrelated building components developed from the plurality of potentially interrelated building components;

e) assigning a unique descriptor tag to each one of the plurality of interrelated components;

f) receiving a profile inquiry into an application engine, the application engine included within the interactive profile system, the profile inquiry received from a user, and the profile inquiry relatable to the enhanced profile database;

g) formulating a profile response to the profile inquiry with the application engine, the profile response including a listing of at least one of the plurality of interrelated elements of the enhanced profile; and

h) sending the profile response to the profile query to the user.

7. **(Original)** The method of generating an interactive profile of a building of claim 6, wherein the step of parsing the plan set additionally includes the step of:

a) parsing the plan set into a plurality of cells and a plurality of structural elements, the plurality of cells and the plurality of structural elements together comprising a functionally complete rendering of the building.

8. **(Original)** The method of generating an interactive profile of a building of claim 6, wherein the step of converting the plan set to a standardized data set additionally includes the step of:

a) converting the plan set to a standardized CAD compliant format.

9. **(Original)** A method of generating an interactive profile of a building, comprising the steps of:

creating an enhanced profile of a building by,

(a) receiving a plan set including a two-dimensional physical description of a building;

(b) identifying a plurality of interrelated building components of the building;

(c) developing a three-dimensional physical description of the building components, based on the two dimensional physical description of the building; and

(d) linking the building components into component groupings; and

storing the enhanced profile in an enhanced profile database;

providing access to the enhanced profile database via a computer network from a remote location;

receiving a user profile query at the enhanced profile database requesting information based on the building components of the building profile; and

sending a profile response to the user at the remote location, the profile response

being based on the building components.

10. **(Original)** The method of claim 9, wherein the profile query request is directed to information on items selected from the group consisting of door schedules, interior closets, interior trim and interior cabinets, exterior closets and exterior trim, windows, interior finishes, exterior finishes, openings, interior elevations, trim lengths, baseboards, band molding, crown molding, cabinetry, counter-tops, wall surfaces, appliance types, appliance volumes, appliance utility connections, dimensional data for a building component, opening identifiers, mechanical identifiers, plumbing schematics, heating schematics, ventilation schematics, solar energy options, electrical identifiers, electrical schematics, wall outlets, electrical switches, lighting schedules, and fuse boxes.

B2 11. **(Original)** The method of claim 9, wherein the profile response includes a recommended product from a merchant catalog.

12. **(Original)** The method of claim 9, wherein the profile response includes a cost estimate based on the enhanced profile.

13. **(Original)** The method of claim 12, further comprising, calculating the cost estimate using information obtained from one or more associated databases selected from the group consisting of materials databases, builder databases, and furnishings databases.

14. **(Original)** The method of claim 13, wherein calculating the cost estimate includes acquiring a unit price for a building component from a builder database.

15. **(Original)** The method of claim 12, wherein calculating the cost estimate includes acquiring a quotation price for a custom item from a building database.

16. **(Original)** The method of claim 15, wherein the custom item is selected from a group consisting of appliances, light fixtures, and custom cabinets.

32 17. **(Original)** The method of claim 12, wherein calculating the cost estimate includes pricing appliances, furniture, fixtures, and accessory items using a furnishings database.

18. **(Original)** The method of claim 12, further comprising, determining quantities of materials selected from the group consisting of nails, studs, concrete volumes, drywall surface areas, and roofing.

19. **(Original)** The method of claim 9, further comprising, linking engineering input selected from the group consisting of concrete reinforcement, post sizing, wood treatment requirements, and earthquake protections, to the enhanced profile.

20. **(Original)** The method of claim 9, further comprising checking a selected component against a building code using a regulatory database.

BZ 21. **(Original)** The method of claim 9, further comprising, assigning each building component a region, each region having identifiers selected from the group consisting of a foundation identifier, a framing identifier, an insulation identifier, and a roofing identifier, each identifier linking regional building standards to the building component, for the purpose of estimating a cost and/or construction logic for the building component.
